



6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

[FRL -9911-10-Region 2]

Prevention of Significant Deterioration of Air Quality (PSD) Final Determinations

in New Jersey, Puerto Rico, and the Virgin Islands

AGENCY: Environmental Protection Agency.

ACTION: Notice of final actions.

SUMMARY: The purpose of this notice is to announce that between July 1, 2008 and April 15, 2014, the Region 2 Office of the Environmental Protection Agency (EPA), issued three final agency actions and the New Jersey Department of Environmental Protection (NJDEP) issued five final agency actions pursuant to the Prevention of Significant Deterioration of Air Quality (PSD) regulations codified at 40 CFR 52.21. In addition, one previous EPA final agency action dated April 7, 2006 was inadvertently omitted in the previous Federal Register publication and has been included here.

DATES: The effective dates for the above determinations are delineated in the chart at the end of this notice (see SUPPLEMENTARY INFORMATION).

FOR FURTHER INFORMATION CONTACT: Mr. Frank Jon, Environmental Engineer of the Permitting Section, Air Programs Branch, Clean Air and Sustainability Division, Environmental Protection Agency, Region 2 Office, 290 Broadway, 25th Floor, New York, NY, 10007-1866, at (212) 637-4085.

SUPPLEMENTARY INFORMATION: Pursuant to the PSD regulations, the Region 2 Office of the USEPA, and the NJDEP have made final PSD determinations relative to the facilities listed below:

NAME	LOCATION	PROJECT	AGENCY	FINAL ACTION	DATE
Caithness Long Island, LLC	Brookhaven, New York	A new 346 MW combined-cycle electric generating facility	EPA	New PSD Permit	April 7, 2006
West Deptford Energy, LLC	West Deptford Township, New Jersey	Two identical combined-cycle turbines each with a 2,262 MMBtu/hr higher heating value (HHV) (not including supplemental duct-firing) when firing natural gas; when duct firing is included, the maximum heat input is 2,270 MMBtu/hr HHV; one 40 MMBtu/hr auxiliary boiler; one 750 KW emergency diesel engine-driven generator; and a 300 HP diesel engine-driven fire pump and storage tanks.	NJDEP	New PSD Permit	May 6, 2009
Vineland Municipal Electric Utility (VMEU) – Howard Down Station	Vineland, New Jersey	One 64 MW Rolls Royce simple-cycle combustion turbine (Model Trent 60) with a maximum heat input of 590 MMBtu/hr when firing natural gas and 568 MMBtu/hr when firing ultra low sulfur distillate. Emission controls consists of dry low NOx combustors, water injection and Selective Catalytic Reduction for NOx; and oxidation catalyst for CO and VOC.	NJDEP	New PSD Permit	September 16, 2010
Hovensa, LLC	Christiansted, U.S. Virgin Islands	Construction and operation of a new ultra low nitrogen oxide (NOx) converter heater to replace an existing low NOx heater at the refinery's sulfuric acid plant.	EPA	PSD Permit Modification	May 9, 2011
Hovensa, LLC	Christiansted, U.S. Virgin Islands	Lower NOx emission limit when firing oil as fuel, allowing for a different NOx limit from the main stack while switching from the bypass stack to the main stack and while	EPA	PSD Permit Modification	August 17, 2011

		conducting on-line maintenance of the steam injection system. Also, a revision to the LSG Heater's permitted number of startup and shutdown cycles and to the permitted number of hours of such cycles.			
Woodbridge Energy Center	Woodbridge Township, NJ	Two General Electric Company 7 FA combined-cycle combustion turbines (211 MW each), with 2,267 MMBtu/hr heat input, two heat recovery steam generators equipped with a natural gas-fired duct burner. Supporting auxiliary equipment includes one natural gas-fired auxiliary boiler, one natural gas-fired fuel heater, one ultra low sulfur distillate (ULSD) fuel-fired emergency generator and a ULSD-fired emergency fire water pump and 19% aqueous ammonia storage tank, and one cooling tower. Control devices to both turbines include dry-low NOx combustors, SCR's, and oxidation catalysts.	NJDEP	New PSD Permit	July 25, 2012
Hess Newark Energy Center	Newark, NJ	The 655 Megawatt facility will consist of two GE 207FA.05 combined-cycle combustion turbine generators (CTGs), two heat recovery steam generators (HRSG) equipped with duct burners, and a single steam turbine generator (STG). Supporting ancillary equipment includes a natural gas-fired auxiliary boiler, a cooling tower, an emergency diesel generator, and an emergency diesel fire pump. The proposed CTGs and duct burners will be fueled exclusively by natural gas. The CTGs will utilize dry low-NOx (DLN) combustors	NJDEP	New PSD Permit	Permit issued: September 13, 2012 The Environmental Appeals Board issued an order dismissing the PSD permit appeal on November 20, 2012.

		and selective catalytic reduction (SCR) systems to control NOx emissions that meet Lowest Achievable Emission Rate (LAER). An oxidation catalyst will be used to control emissions of carbon monoxide (CO) to Best Available Control Technology (BACT) levels, as well as to control volatile organic compounds (VOC).			PSD permit effective date: November 27, 2012
PSEG Fossil LLC	Woodbridge Township, NJ	A modification to construct and operate a nominal 625 MW Project at the existing Sewaren Generating Station. The proposed project consists of two state of the art natural gas fired combined-cycle combustion turbine generators (CTGs), two heat recovery steam generators (HRSG) equipped with duct burners, one 300 horsepower emergency diesel fire pump; and a three-cell mechanical cooling tower.	NJDEP	New PSD Permit	March 17, 2014
Energy Answers, LLC	Arecibo, Puerto Rico	Construction and operation of the Arecibo Puerto Rico Renewable Energy Project which consists of two 1,050 tons per day (each) refuse-derived fuel municipal waste combustors, a 77 megawatt steam turbine electrical-generator, and other ancillary equipment.	EPA	New PSD Permit	Original PSD permit issued: June 11, 2013 Following appeal, the Environmental Appeals Board issued an order granting voluntary remand in part and denying review in part on March 25, 2014.

					Remanded final PSD permit was issued and effective on April 10, 2014.
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This notice lists only the facilities that have received final PSD determinations. Anyone who wishes to review these determinations and related materials should contact the following offices:

EPA ACTIONS

U.S. Environmental Protection Agency
Region 2 Office
Air Programs Branch – 25th Floor
290 Broadway
New York, New York 10007-1866
(212) 637-4085

NJDEP ACTIONS

New Jersey Department of Environmental Protection
Division of Environmental Quality
Air Quality Permitting Element
Bureau of Preconstruction Permits
401 East State Street
Trenton, New Jersey 08625
(609) 777-0286

Pursuant to 40 CFR 124.19(l), a prerequisite to seeking judicial review of these determinations under section 307(b)(1) of the Clean Air Act (the Act) is that parties must have previously filed a petition with the EPA Environmental Appeals Board under 40 CFR 124.19(a). If the prerequisite has been met, review may be sought only by the filing of a petition for review in the United States Court of Appeals for the appropriate circuit within 60 days from the date on which these determinations are published in the Federal

Register. Under section 307(b)(2) of the Act, these determinations shall not be subject to later judicial review in civil or criminal proceedings for enforcement.

Dated: May 7, 2014.

Judith A. Enck,
Regional Administrator,
Region 2.

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